## Use Attainability Analysis

for

WBID 3627 Burkhart Branch

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

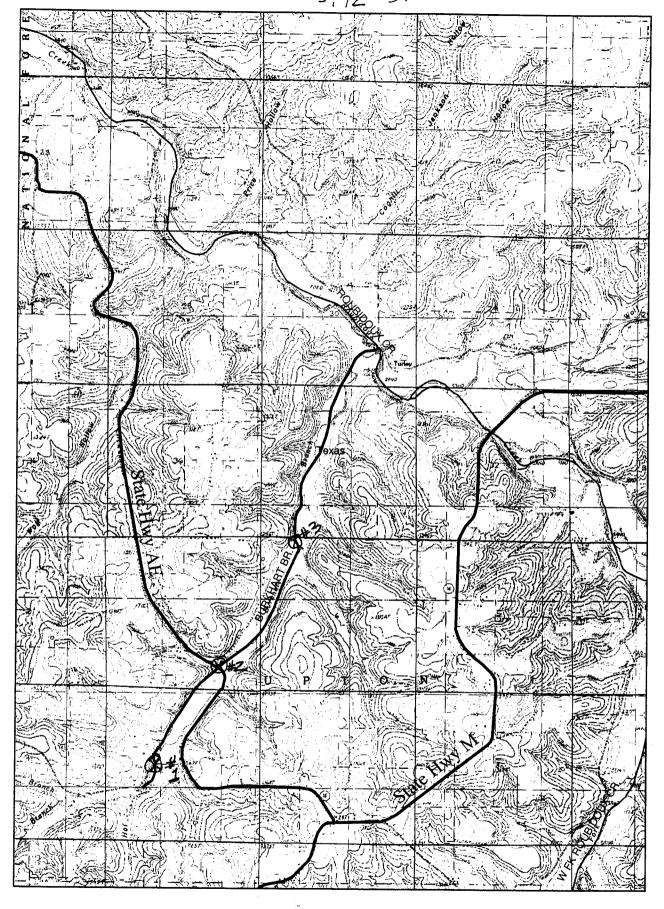
# Field Data Sheets for Recreational Use Stream Surveys 2005 JUN 23 PM 3: 70

## Data Sheet A - Water Body Identification

WATER PROTECTION PROGRAM

Water Body Name (from USGS 7.5' quad): Burkhart Branch
8-digit HUC: 1029 020 \
Missouri WBID#: 3627
County: Texas
Upstream Legal Description: 5/2 T3IN RIZW
Downstream Legal Description: 530 T3IN RIZW
Upstream Coordinates: E: 569952 N: 4140450 Lat: 37.408194
Downstream Coordinates: E 571360 N: 4142825 Long: -92.193444
Discharger Facility Name(s):
Discharger Permit Number(s):
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Wyn Kelley 573/884-3440
Organization: HDNR
Position: Soil Scientist
the undersigned, hereby affirm to the best of my knowledge, that all information reported on this U atashcet is true and accurate.  Signed:  Date: 6/8/05

Burkhart Br 31N 12W HUC8-10290201



#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Date & Time: 126/		•	-92-209583 Facility Name:		
	77 77	- v t	Permit Number:		
Current Weather Condit	V Kalley	/		ons for Past 7 days: 0.25	rein otherwis
		_	im:3627 D-0 \ Other		re++c
Photo Ids: Upstream:30	#10	11211 08	# 1 (		<u></u>
es Observed*:	# (O		<b>4</b> 211		
Swimming	Skin diving		SCUBA diving	☐ Tubing	☐ Water skiing
Wind surfing	☐ Kayaking		Boating	□ Wading	Rafting
Hunting	Trapping		Fishing	None of the above	Other:
			g, frequency of use, photo-	documentation of evidence	or recreational uses
rrounding Conditio				ases. Attach photos of evider	
rrounding Conditio		oromo.			
rrounding Conditions of interest.)	ns*: (Mark all that p	omore	te or impede recreational u	ises. Attach photos of evider	nce or unusual
rrounding Conditions of interest.)  City/county parks  Boating accesses	ns*: (Mark all that p	omore	te or impede recreational u ADC conservation lands	ises. Attach photos of evidet	nce or unusual
rrounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all that parks   Playgrounds   State parks	omore	te or impede recreational u ADC conservation lands Vational forests	ises. Attach photos of evider  Urban areas  Nature trails	nce or unusual
rrounding Conditions of interest.)  City/county parks  Boating accesses	ns*: (Mark all that parks   Playgrounds   State parks		te or impede recreational u ADC conservation lands Vational forests	ises. Attach photos of evider  Urban areas  Nature trails	Campgrounds Stairs/walkwa
rrounding Conditions of interest.)  City/county parks Boating accesses No trespass sign	ns*: (Mark all that parks   Playgrounds   State parks   Fence	DIFORMOI NO S	te or impede recreational u ADC conservation lands Vational forests Steep slopes	Ses. Attach photos of evider  Urban areas  Nature trails  Other:	ce or unusual Campground

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page I

## Data Sheet B - Site Characterization

Page Two - WBID #3627

Stream Morp Upstream		Dimensions:	no water obs	enved		
Riffie	Width (ft):	Length (ft):	Avg. Depth (	(ft):	Max. Depth (ft):	
Run	Width (ft):	Length (ft):	Avg. Depth (	(ft):	Max. Depth (ft):	
Pool	Width (ft):	Length (ft):	Avg. Depth (	(ft):	Max. Depth (ft):	
Flow	Present? 🔲 Y	s UNo	Estimated (ft	. <sup>3</sup> /sec):		
Downstrea	m View Phys	cal Dimensions:				
Riffle	Width (ft):	Length (ft):	Avg. Depth (	(ft):	Max. Depth (ft):	
☐ Run	Width (ft):	Length (ft):	Avg. Depth (	(ft):	Max. Depth (ft):	
Pool	Width (ft): 3	F- Length (ft): (	6ff Avg. Depth (	ft): 0.13	Max. Depth (ft):	0,25
Flow	Present? 🔲 Y	es 🗌 No	Estimated (ft	<sup>3</sup> /sec):		
- %	Cobble 100	uid add up to 100%.) % Gravel	% Sand algal growth at the asse	% Silt	% Mud/Clay	% Bedrock
Vater Chara	cteristics*: (M	ark all that apply.)	☐ Chemical	<b>☑</b> None	Other:	
Color:	✓ Clear	<del></del>	☐ Gray	Milky	Other:	
Bottom Dep Surface Dep		Solids Scum	Fine sediments Foam	None None	Other:	
This information omprehensive undecision on the real, the undersi	n is not to be used inderstanding of vectoration use analysis	ditional comments (  ing on Long  solely for removal of a vater conditions. Conse- ysis but may point to co affirm to the best of	recreational use design quently, this information inditions that need further from the work when the state of	ation but rather n is not intende er analysis or the hat all inform	a payur and a six six so provide a more d to directly influence hat effect another use.	a on this UAA
Signed:	11/90	THUY	Date:	6/2	5/02	
Organization:_	M7	ONK	Position	. <u>5.il</u>	3/05 Scrout, 1)+	

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#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:		32	Site Location D	escription:	
Site GPS Coordinates:	E: 576539 Lat N: 4141487 Low.	41-92,202	2833 2833		
Date & Time: 68 05		، اسراه ۵	Facility Name:		
Personnel: Wys Ke	elf		Permit Number:	:	
Current Weather Condit		<u> </u>	Weather Condit	ions for Past 7 days: .25 -	an (hittdry)
Photo Ids: Upstream: 3	6274-02 Dow	nstream:342	1D-02 Othe		
	#12	#	13		
ses Observed*:	. <u> </u>				
Swimming	Skin diving	☐ SC1	UBA diving	Tubing	Water skiing
Wind surfing	Kayaking	Bos	ating	Wading	Rafting
Hunting	Trapping	Fisi	hing	None of the above	Other:
Describe: (include numb	per of individuals rect	reating, freque	ency of use, photo	-documentation of evidence	of recreational uses, etc.
urrounding Conditio				-documentation of evidence	
urrounding Conditio		promoté or im			
urrounding Conditio	ns*: (Mark all that p	promoté or im	pede recreational	uses. Attach photos of evider	nce or unusual
urrounding Conditio	ns*: (Mark all that p	eromote or im	pede recreational nservation lands forests	uses. Attach photos of evider	nce or unusual
urrounding Conditions of interest.)  City/county parks  Beating accesses  No trespass sign	ns*: (Mark all that p Playgrounds State parks Fence	oromote or im  MDC co.  National	pede recreational nservation lands forests	uses. Attach photos of evider  Urban areas  Nature trails	nce or unusual
urrounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all that p Playgrounds State parks Fence	MDC co. National	pede recreational nservation lands forests	uses. Attach photos of evider  Urban areas  Nature trails	nce or unusual
currounding Conditions of interest.)  City/county parks  Beating accesses  No trespass sign	ns*: (Mark all that p Playgrounds State parks Fence	MDC co. National Steep slo	pede recreational nservation lands forests	uses. Attach photos of evider	nce or unusual  Campgrounds  Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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## Data Sheet B - Site Characterization

Page Two - WBID #3627:

Page Two -	WBID #3	362 1:									14
Stream Mor Unstream	phology: a View Ph	vsical I	Dimensi	ons:						را ن	Mary de
Riffle	Width (ft)	·×		gth (ft):		Avg. Depth	(ft):	M	iax. Depth (f	t):	<del>/                                    </del>
Run	Width (ft)	;	Let	ngth (ft):		Avg. Depth	(ft):	M	lax. Depth (f	t): 1	5
Pool	Width (ft)		<del></del>	ngth (ft):	35f4	Avg. Depth	(ft): 0,25		fax. Depth (f	i): [ ]	3
Fiow	Present?	Yes	<u> </u>	-	<del></del>	Estimated (i	t³/sec):				
Downstre	am View	Physica	al Dime	nsions:							
Riffle	Width (ft)			igth (ft):		Avg. Depth	(ft):	M	lax. Depth (f	t):	
Run	Width (ft)	<del></del> -	Let	ngth (ft):		Avg. Depth	(ft):	M	lax. Depth (f	t):	
Pool	Width (ft)	···		ngth (ft):	30	Avg. Depth	(ft): 0.75		ax. Depth (f	t): 1,	0
Flow	Present?	Yes	∏No			Estimated (f	_				
Aquatic Ves	getation*:	(note am	% Grave	egetation of	% Sand or algal grow		essment site)				% Bedrock
Water Char	acteristic	s*: (Mar	k all that	apply.)					· .		
Odor:		] Şewage		Musky	Che	mical	None		Other:		·
Color:	<u> </u>	Clear		Green	Gra	<del></del>	Milky		Other:		
Bottom De Surface De	·	Sludge Oil		Solids Scum	☐ Fine	sediments	None None		Other:		
Comments:	Please att	الملم ما ما									
*This informati comprehensive decision on the	on is not to understandi recreation u	be used s ng of wat se analys	olely for reconditions but may	removal of ons. Consypping to	f a recreation sequently, thi conditions th	al use design is information at need furth	ion from intendion but rathe in is not intended for analysis or the that all infor	r is to pr ed to dire hat effec	ovide a more ectly influence another use	e ce a	ic IIA A
*This informati comprehensive decision on the	ion is not to understandi recreation of signed, he	be used s ng of wat use analys	olely for a ter condition is but may	removal of ons. Consypping to	f a recreation sequently, thi conditions th	al use design is information at need furth owledge, t	nation but rathe in is not intende ier analysis or t hat all infor	r is to pr d to dire hat effect mation	ovide a more cetty influence of another use or reported	ce a con th	is UAA
*This informaticomprehensive decision on the	ion is not to understandi recreation of signed, he	be used s ng of wat use analys	olely for a ter condition is but may	removal of ons. Consypping to	f a recreation sequently, thi conditions th	al use design is information at need furth owledge, t	nation but rathe in is not intende ler analysis or t	r is to pr d to dire hat effect mation	ovide a more cetty influence of another use or reported	ce a con th	is UAA

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#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 3	627-03	Site Loc	ation Description:	
Site GPS Coordinates:	N: 4142.825 L.	<del>i+` 37,4</del> 295 ng`-92.[83444		
Date & Time: 6 8	,	-		· · · · · · · · · · · · · · · · · · ·
Personnel: WVW	Pellev	Permit N	lumber:	
Current Weather Condi	tions: hot & d	⊢√ Weather	Conditions for Past 7 days: 0,	25 rain (hot4
Photo Ids: Upstream: 3		<del></del>	•	<u> </u>
· · · · · ·	#14)	#15		
ses Observed*:				
Swimming	Skin diving	SCUB A divin	g Tubing	☐ Water skiing
Wind surfing	🗌 Kayaking	Boating	☐ Wading	Rafting
Hunting	Trapping	Fishing	None of the above	Other:
	DOI OT HIGHVIOLAIS TEETE	aring, frequency of asc	, photo-documentation of evidence	or recreational asc.
	Del of ingividuals recie	aring, frequency of asc		or recreational asc.
urrounding Conditio	ns*: (Mark all that pro	omote or impede recrea	itional uses. Attach photos of evid	ence or unusual
urrounding Conditions of interest.)	ns*: (Mark all that pro	omote or impede recrea	itional uses. Attach photos of evid	ence or unusual
errounding Conditions of interest.)  City/county parks  Boating accesses	ns*: (Mark all that pro	omote or impede recrea  MDC conservation  National forests	itional uses. Attach photos of evid lands Urban areas	ence or unusual
urrounding Conditions of interest.)	ns*: (Mark all that pro	omote or impede recrea	itional uses. Attach photos of evid	ence or unusual
crrounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all that pro	mote or impede recrea  MDC conservation  National forests  Steep slopes	lands Urban areas Nature trails Other:	ence or unusual
errounding Conditions of interest.)  City/county parks  Boating accesses	ns*: (Mark all that pro	mote or impede recrea  MDC conservation  National forests  Steep slopes	lands Urban areas Nature trails Other:	ence or unusual  Campgrounds  Stairs/walkwa
crrounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all that pro	mote or impede recrea  MDC conservation  National forests  Steep slopes	lands Urban areas Nature trails Other:	ence or unusual  Campgrounds  Stairs/walkwa

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Page Two - WBID #3427:

Riffle Width	(ft):	Length (ft):	A:	g. Depth (ft):		Max. Depth (	ft):	
Run Width	(ft):	Length (ft):	A.	vg. Depth (ft):		Max. Depth (	ft):	
Pool Width	(ft):	Length (ft):	A <sup>-</sup>	vg. Depth (ft):	<u> </u>	Max. Depth (	ft):	, r
Flow Preser	? 🗌 Yes	ØN₀	Es	timated (ft <sup>3</sup> /sec	:):			
ownstream Vi	w Physica	al Dimensions:						
Riffie Width	(ft):	Length (ft):	A	vg. Depth (ft):	····	Max. Depth (	ft):	
∏ Rµm Width	(ft):	Length (ft):	A:	vg. Depth (ft):		Max. Depth (	ft):	
Pool Width	(ft): <b>[§</b>	Length (ft):	50 A	vg. Depth (ft):	0.8	Max. Depth (	ft):	1.5
Flow Preser	? Yes	□ No	Es	timated (ft <sup>3</sup> /sec	:):	•		
	ı*: (note am	のGravel   ount of vegetation o N bedrod		· · · · · · · · · · · · · · · · · · ·	% Silt	% Mud/Clay	70	% Bedrock
atic Vegetatio	ı*: (note am	ount of vegetation o	r algal growth	· · · · · · · · · · · · · · · · · · ·	<del></del>	% Mud/Clay	70	% Bedrock
natic Vegetatio   o % ter Characteri	i*: (note am	ount of vegetation o  Noedrock k all that apply.)	or algal growth	at the assessme	ent site)		70	% Bedrock
ter Characteri	tics*: (Mar	ount of vegetation o  No hedred  k all that apply.)  Musky	or algal growth	at the assessme	ent site)	☐ Other:	70	% Bedrock
ter Characteri Odor:	tics*: (Mar	ount of vegetation o  No bedrod  k all that apply.)  Musky Green	or algal growth	at the assessme	ent site) None Milky	Other:	70	% Bedrock
ter Characteri	tics*: (Mar	ount of vegetation o  No hedred  k all that apply.)  Musky	or algal growth	at the assessment	ent site)	☐ Other:	70	% Bedro
ter Characteri Odor: Color: Bottom Deposit: Surface Deposit: numents: Please Several s information is no orehensive underst ion on the recreati	tics*: (Mar Sewage Clear Sludge Oil attach addi	ount of vegetation o  Noedrod  k all that apply.)  Musky  Green  Solids	Chem Chem Gray Fine s Foam (including Face) a recreational equently, this conditions that	at the assessment ical ical information is information is inceed further ar	None Milky None from inter the but rather not intended nalysis or the	Other: Other: Other: Other: other: tryiews) to this first oprovide a mode to directly influence at effect another uses.	orm. re ace a	



